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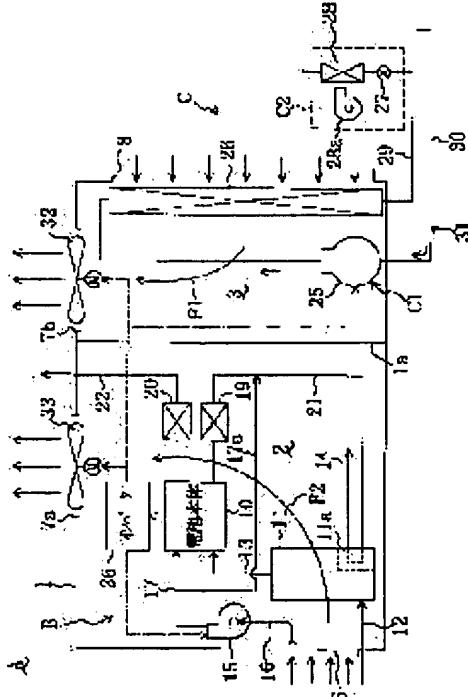
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(54) FUEL CELL AND FUEL CELL-DRIVEN COOLING-FREEZING DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To stably generate power by a fuel cell B to prevent the stop of an air conditioner C by radiating the exhaust heat of the fuel cell B with a relatively simple structure.

SOLUTION: A fuel cell-driven cooling-freezing device is provided with: the fuel cell B equipped with a reforming part 11 for reforming a material gas to generate a reformed gas, a cell body 10 having a hydrogen electrode and an oxygen electrode disposed by interposing an electrolyte formed of a solid high polymer for generating electromotive force between both the electrodes by feeding the reformed gas from the reforming part 11 and the air containing oxygen to the hydrogen electrode and the oxygen electrode, respectively, and exhaust gas moisture condensing parts 19 and 20 for condensing steam included in the exhaust gas discharged from the cell body 10; and the air conditioner C operated by the power generated by the fuel cell B. Air flow F2 is formed in a housing 1 by an



air-cooling fan 33, and the exhaust heat generated with the power generation of the fuel cell B is radiated by the air flow F2.

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